CHF3020CBF Series Power RF Terminations / Resistors

**Features**
- DC to 2 GHz
- Flanged model
- Low VSWR

**Applications**
- High power RF transmission

**General Specifications**
- Substrate: Beo
- Resistive Film: Thick Film
- Tab: Ag
- Cover Substrate: AL203
- Mounting Flange: Cu plated with Ni

**Resistance**
- Termination: 50 ohms only
- Resistor: See Resistance Value Table
- Tolerance: ±5%

**Packaging**
- 100 pcs./box

**Absolute Ratings**
- Power: See Rated Power Table
- Frequency: 2.0 GHz
- VSWR: 1.30 Maximum
- Capacitance: 0.8 pF

**Characteristic Curve**

**Product Dimensions**

**Mounting High Power Devices**

The mounting surface must be flat to less than 0.0254 mm (0.001") and devoid of scratches or burrs. The underside of the flange should be brushed with thermal grease prior to being fastened to the heat sink with mounting screws. The thermal grease will fill any air gaps and help to keep a good thermal contact.

Pre-tin the tab prior to installation. Position the tab over the circuit and solder in place.

Ensure that the temperature on the surface of the flange does not exceed 110 °C when running at 100 % of load. If the temperature increases then derate the power.

**How to Order**

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Version</th>
<th>Power (W)</th>
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<td>CHF 3020</td>
<td>C</td>
<td>10</td>
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<td>B</td>
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**Revision**
REV. 12/15

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice. The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.

OBSOLETE